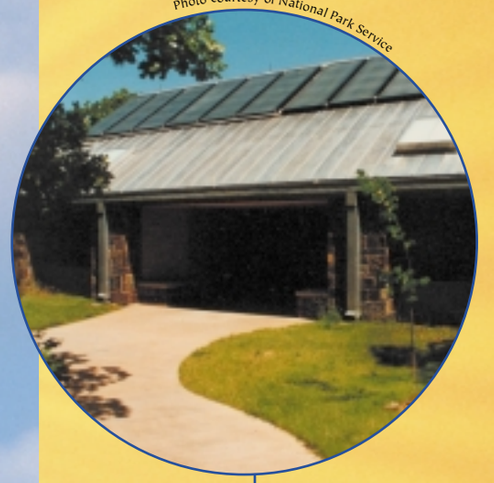
21st century technology turns sunlight into hot water.

Photo courtesy of National Park Service



Visitors to this **OKLAHOMA** campground enjoy hot showers, thanks to cost-effective solar water heating systems. With no backup systems, some facilities in this national recreation area rely exclusively on energy provided by the sun.

Photo courtesy of Sun Trapper Solar Manufacturing

This 200 bed general hospital in **TEXAS** uses 5,000 square feet of roof-mounted solar collector to heat hot water for kitchen and laundry operations, patient rooms and therapy pools, and sanitation - an expected savings of more than one million gallons of oil over its 30-year life.

For more information:

Visit the Department of Energy's Energy Efficiency and Renewable Energy website at: **www.eren.doe.gov**

Call or email the Energy Efficiency and Renewable Energy Clearinghouse at:

1.800.363.3732

doe.erec@nciinc.com

DOE/GO-102001-1312
NREL/BR-710-30173

In your area, contact:

Solar Water Heating

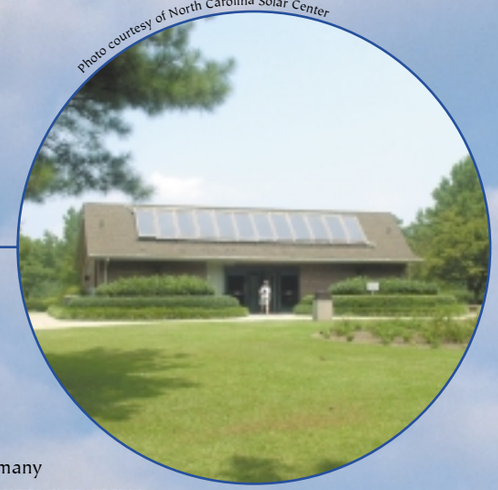
For Commercial Applications

Clean Energy for the 21st Century

Solar Water Heating

Cost-effective solar energy heats commercial buildings. Reliable solar energy heats commercial water. Clean solar energy helps business and industry meet environmental requirements.

Photo courtesy of North Carolina Solar Center



In many **NORTH CAROLINA** highway rest areas, the Department of Transportation has installed solar thermal systems to heat water and provide supplemental space heating during the winter.

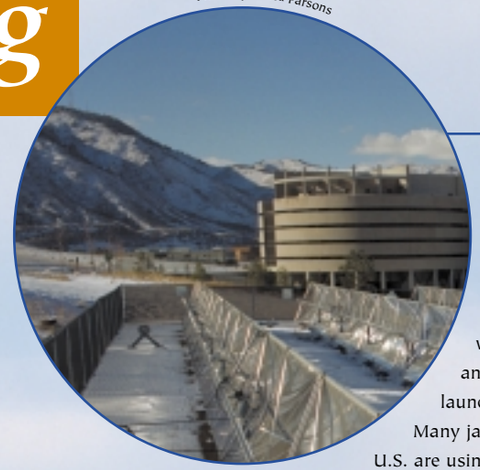
Solar Water Heating

The Right Choice for Business

"Our solar water heating system is one of the reasons we could shut down our second boiler, saving money and most importantly maintenance. The solar system has performed wonderfully and I would recommend it time and time again."

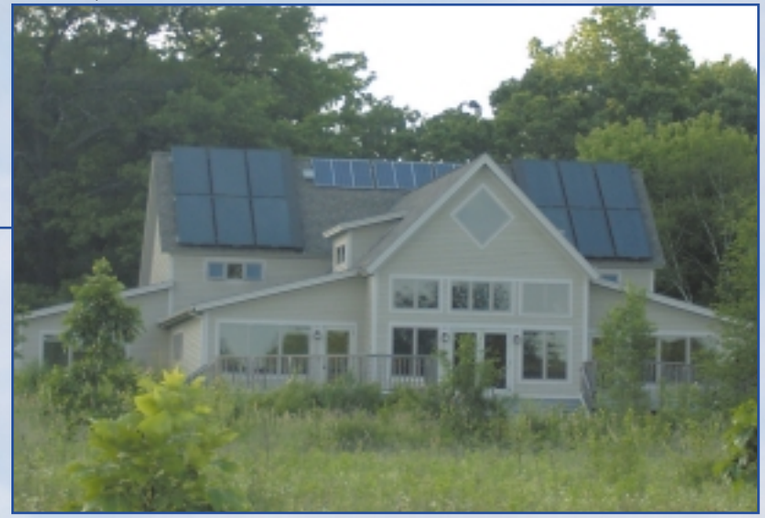
— Ron Wright, Director of Maintenance & Engineering, Santa Rosa Hospital Facilities

Photo by David Parsons



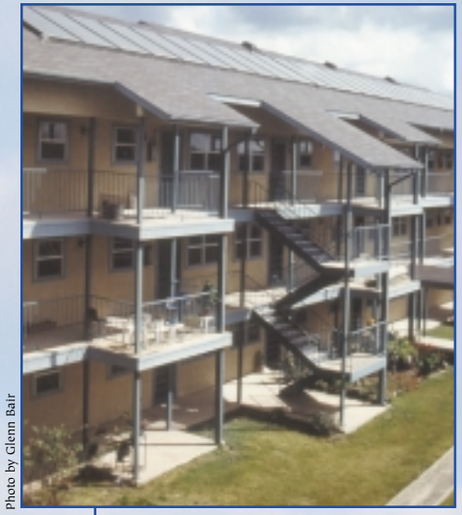
This solar thermal system at the Jefferson County jail in **COLORADO** provides a sizeable portion of the hot water for cooking and kitchen operations, laundry and showers. Many jail facilities across the U.S. are using solar thermal systems to reduce their operating costs.

Photo courtesy of North Carolina Solar Center



This private, not-for-profit **WISCONSIN** nature and environmental educational facility uses solar collectors to heat water and provide supplemental space heating. Its photovoltaic system provides a clean energy source for electricity.

Photo by Glenn Bair



The solar water heating system installed in this **TEXAS** apartment building reduces the need for traditional energy sources while meeting much of the demand.

Solar Process Heat

Clean Energy.

Solar process heat systems produce clean energy for heat, hot water, steam, cooling and refrigeration. By incorporating a non-polluting solar system into your buildings, you can offset the consumption of traditional fossil fuel sources and maintain the environmental integrity of our Planet.

Cost-Effective Energy.

Solar water heating systems can dramatically reduce energy and maintenance cost of commercial and public facilities, especially those that use significant amounts of hot water. To reduce the capital cost to install solar process heat, the federal government offers a 10% tax credit and accelerated depreciation. Several states, committed to clean energy, also provide substantial tax credits, making solar a wise investment for business and industry.

Versatile, Reliable Energy.

Today's solar thermal collectors incorporate state-of-the-art technology and are modular so they can accommodate any size application. A well - maintained system will have an expected life of more than 20 years.